

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-317273

(43)Date of publication of application : 09.11.1992

(51)Int.Cl.

H04N 5/232

G01B 11/24

G01C 3/06

G02B 7/08

G08B 17/00

G08B 17/12

H04N 5/335

H04N 7/18

(21)Application number : 03-085288

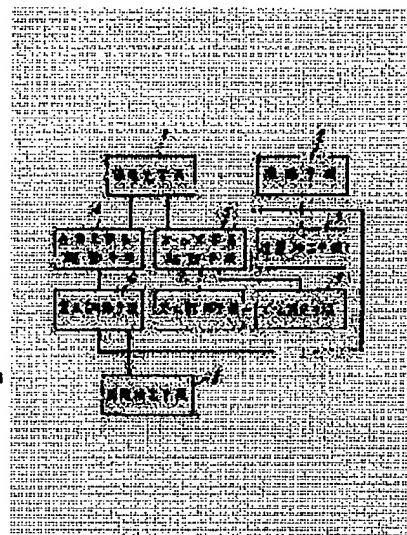
(71)Applicant : SANKYO SEIKI MFG CO LTD

(22)Date of filing : 17.04.1991

(72)Inventor : KONDO HIDEYUKI
YAJIMA MASAO

(54) MONITORING DEVICE

(57)Abstract

PURPOSE: To flexibly cope with the distance or size of an object and the size of a monitoring range.**CONSTITUTION:** This device is provided with an image pickup optical system 1 having a focusing optical system and a zooming optical system, an image pickup means 2 picking up the image of a prescribed monitoring range through the image pickup optical system 1, a position detection means 3 detecting the position of the prescribed object from the image signal from the image pickup means 2, a focusing optical system driving means 4 driving the focusing optical system, a zooming optical system driving means 5 driving the zooming optical system, a focusing adjustment means 6 detecting the focusing position from the image signal from the image pickup means 2 and controlling the focusing optical driving means 4, a zooming control means 7 controlling the zooming optical system driving means 5 based on the image signal from the image pickup means 2, and a distance detection means 8 detecting the distance between the focusing position and the object.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office

BEST AVAILABLE COPY